

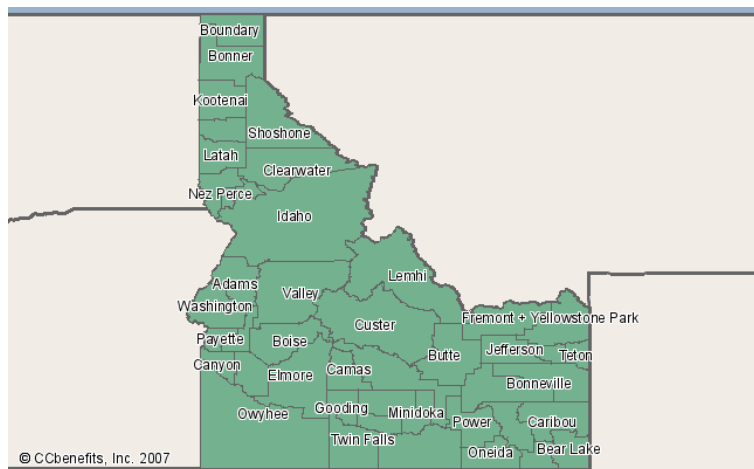
Professional Technical Education



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Career Cluster Report

Career Cluster Report



Report produced by CCbenefits, Inc. www.ccbenefits.com
Data by Economic Modeling Specialists, Inc. www.economicmodeling.com

Career Cluster Report

Region: All Idaho

States: Idaho

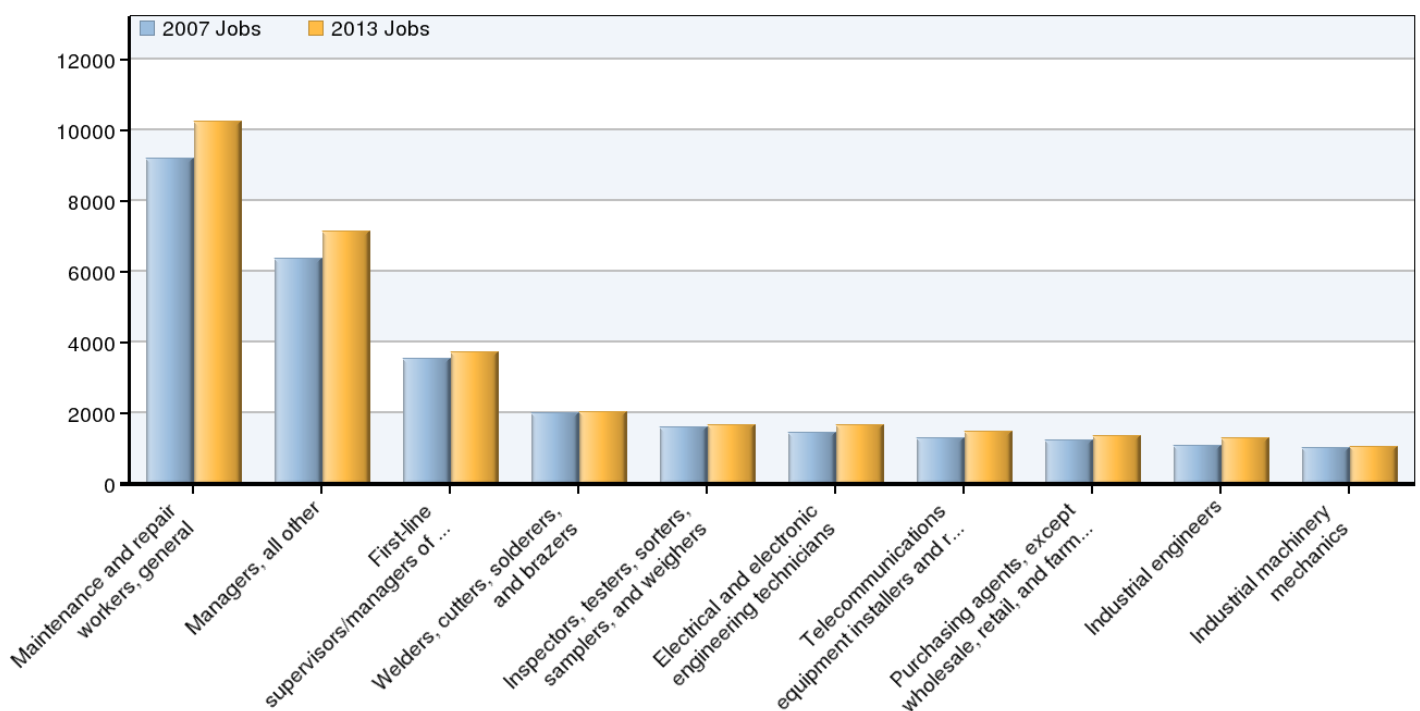
Executive Summary for Manufacturing Career Cluster

Education	2007 Jobs	2013 Jobs	Change	Replacement	2006 Hourly EPW
Short-term on-the-job training	398	420	23	53	\$13.94
Moderate-term on-the-job training	12,098	13,268	1,170	1,542	\$13.35
Long-term on-the-job training	7,096	7,614	518	1,058	\$17.35
Work experience in a related field	11,948	13,040	1,093	1,433	\$21.74
Postsecondary vocational award	1,497	1,696	199	137	\$13.64
Associate's degree	2,198	2,496	297	281	\$21.20
Bachelor's degree	1,766	2,075	309	258	\$31.49
Degree plus work experience	1,162	1,360	198	113	\$25.52
	38,162	41,969	3,807	4,874	\$18.39

Source: Economic Modeling Specialists, Inc. - 8/07

Largest Occupations

Largest Occupations 2007



Source: CCbenefits, 2007

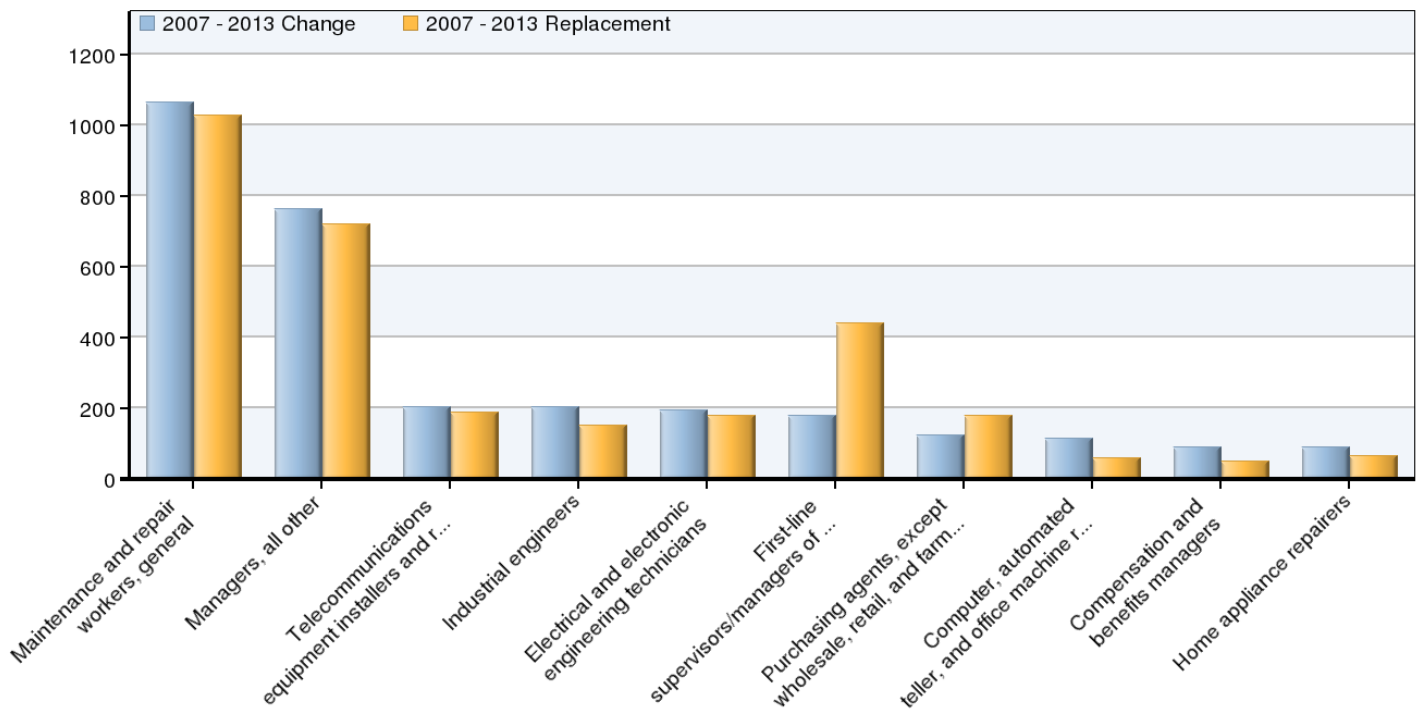
SOC Code	Description	2007 Jobs	2013 Jobs	Change	2006 Hourly EPW	Education
49-9042	Maintenance and repair workers, general	9,188	10,254	1,066	\$13.83	Moderate-term on-the-job training
11-9199	Managers, all other	6,377	7,139	762	\$23.52	Work experience in a related field

51-1011	First-line supervisors/managers of production and operating workers	3,535	3,713	179	\$18.16	Work experience in a related field
51-4121	Welders, cutters, solderers, and brazers	1,993	2,030	37	\$13.74	Long-term on-the-job training
51-9061	Inspectors, testers, sorters, samplers, and weighers	1,595	1,661	66	\$11.14	Moderate-term on-the-job training
17-3023	Electrical and electronic engineering technicians	1,461	1,655	195	\$21.42	Associate's degree
49-2022	Telecommunications equipment installers and repairers, except line installers	1,286	1,491	204	\$22.98	Long-term on-the-job training
13-1023	Purchasing agents, except wholesale, retail, and farm products	1,230	1,353	123	\$19.06	Work experience in a related field
17-2112	Industrial engineers	1,084	1,287	204	\$33.84	Bachelor's degree
49-9041	Industrial machinery mechanics	1,026	1,052	27	\$17.40	Long-term on-the-job training
47-2211	Sheet metal workers	918	973	55	\$16.82	Long-term on-the-job training
49-2011	Computer, automated teller, and office machine repairers	820	933	112	\$13.39	Postsecondary vocational award
11-3051	Industrial production managers	806	835	28	\$27.70	Work experience in a related field
17-2141	Mechanical engineers	577	664	88	\$27.01	Bachelor's degree
49-9044	Millwrights	537	566	29	\$15.68	Long-term on-the-job training
11-3041	Compensation and benefits managers	506	596	90	\$23.89	Degree plus work experience
49-9031	Home appliance repairers	476	565	89	\$13.27	Long-term on-the-job training
11-3049	Human resources managers, all other	422	486	64	\$30.33	Degree plus work experience
49-9043	Maintenance workers, machinery	398	420	23	\$13.94	Short-term on-the-job training
17-3029	Engineering technicians, except drafters, all other	352	401	49	\$23.07	Associate's degree
49-2097	Electronic home entertainment equipment installers and repairers	321	363	42	\$12.13	Postsecondary vocational award
51-4021	Extruding and drawing machine setters, operators, and tenders, metal and plastic	315	294	-21	\$12.26	Moderate-term on-the-job training
51-4122	Welding, soldering, and brazing machine setters, operators, and tenders	308	316	7	\$12.19	Moderate-term on-the-job training
51-8013	Power plant operators	297	318	21	\$29.59	Long-term on-the-job training
49-2094	Electrical and electronics repairers, commercial and industrial equipment	243	267	24	\$16.68	Postsecondary vocational award
11-3042	Training and development managers	234	278	44	\$20.30	Degree plus work experience
51-4111	Tool and die makers	203	211	8	\$17.29	Long-term on-the-job training
17-3026	Industrial engineering technicians	198	217	19	\$19.45	Associate's degree
49-9062	Medical equipment repairers	188	222	35	\$17.82	Associate's degree
51-4072	Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	174	172	-2	\$8.56	Moderate-term on-the-job training

Source: Economic Modeling Specialists, Inc. - 8/07

Largest Growth

Largest Growth 2007 - 2013



Source: CCbenefits, 2007

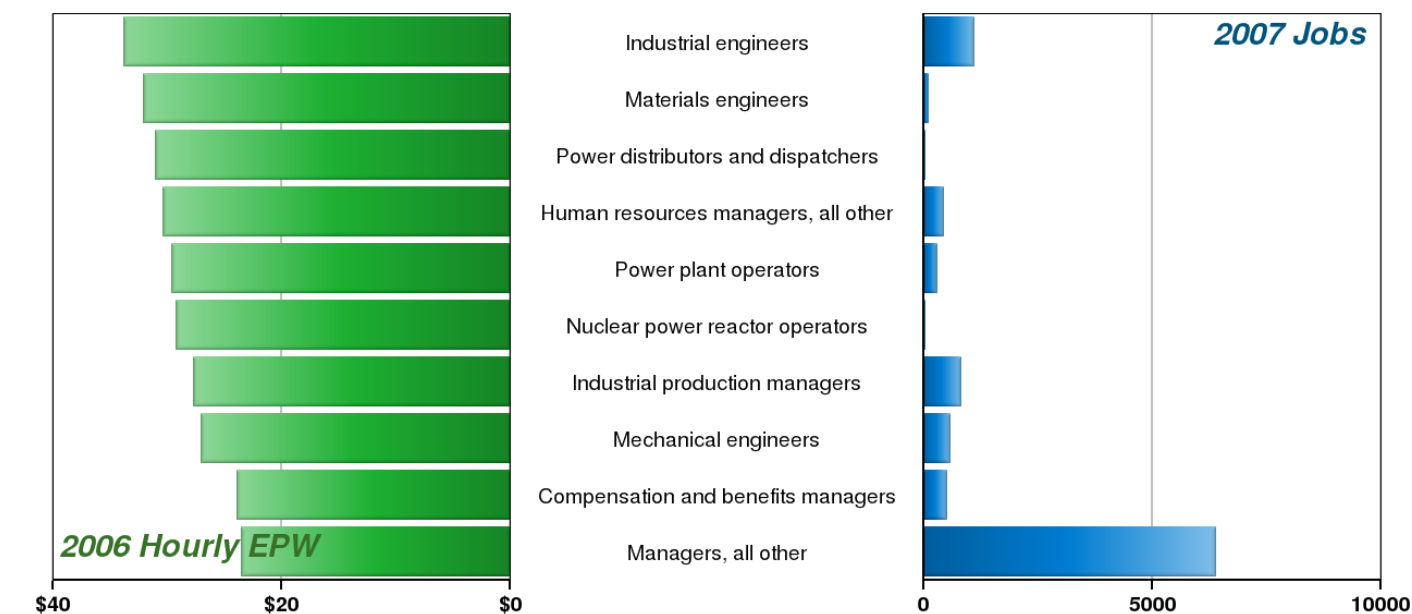
SOC Code	Description	2007 - 2013 Change	Replacement	Annual Openings	Hourly EPW	Education
49-9042	Maintenance and repair workers, general	1,066	1,029	171	\$13.83	Moderate-term on-the-job training
11-9199	Managers, all other	762	721	120	\$23.52	Work experience in a related field
49-2022	Telecommunications equipment installers and repairers, except line installers	204	189	32	\$22.98	Long-term on-the-job training
17-2112	Industrial engineers	204	151	25	\$33.84	Bachelor's degree
17-3023	Electrical and electronic engineering technicians	195	177	30	\$21.42	Associate's degree
51-1011	First-line supervisors/managers of production and operating workers	179	440	73	\$18.16	Work experience in a related field
13-1023	Purchasing agents, except wholesale, retail, and farm products	123	179	30	\$19.06	Work experience in a related field
49-2011	Computer, automated teller, and office machine repairers	112	58	10	\$13.39	Postsecondary vocational award
11-3041	Compensation and benefits managers	90	49	8	\$23.89	Degree plus work experience
49-9031	Home appliance repairers	89	64	11	\$13.27	Long-term on-the-job training
17-2141	Mechanical engineers	88	91	15	\$27.01	Bachelor's degree
51-9061	Inspectors, testers, sorters, samplers, and weighers	66	239	40	\$11.14	Moderate-term on-the-job training
11-3049	Human resources managers, all other	64	41	7	\$30.33	Degree plus work experience
47-2211	Sheet metal workers	55	130	22	\$16.82	Long-term on-the-job training
17-3029	Engineering technicians, except drafters, all other	49	49	8	\$23.07	Associate's degree

11-3042	Training and development managers	44	23	4	\$20.30	Degree plus work experience
49-2097	Electronic home entertainment equipment installers and repairers	42	36	6	\$12.13	Postsecondary vocational award
51-4121	Welders, cutters, solderers, and brazers	37	337	56	\$13.74	Long-term on-the-job training
49-9062	Medical equipment repairers	35	30	5	\$17.82	Associate's degree
51-9083	Ophthalmic laboratory technicians	33	18	3	\$10.27	Moderate-term on-the-job training
49-9044	Millwrights	29	77	13	\$15.68	Long-term on-the-job training
11-3051	Industrial production managers	28	93	15	\$27.70	Work experience in a related field
49-9041	Industrial machinery mechanics	27	125	21	\$17.40	Long-term on-the-job training
49-2094	Electrical and electronics repairers, commercial and industrial equipment	24	31	5	\$16.68	Postsecondary vocational award
51-9082	Medical appliance technicians	23	10	2	\$13.24	Long-term on-the-job training
49-9043	Maintenance workers, machinery	23	53	9	\$13.94	Short-term on-the-job training
51-8013	Power plant operators	21	48	8	\$29.59	Long-term on-the-job training
49-2098	Security and fire alarm systems installers	21	12	2	\$13.16	Postsecondary vocational award
17-3026	Industrial engineering technicians	19	24	4	\$19.45	Associate's degree
17-2131	Materials engineers	18	16	3	\$32.07	Bachelor's degree

Source: Economic Modeling Specialists, Inc. - 8/07

Highest Earnings

2006 Highest Paying Occupations



Source: CCbenefits, 2007

SOC Code	Description	Hourly EPW	2007 Jobs	2007 - 2013 Change	Replacement	Education
17-2112	Industrial engineers	\$33.84	1,084	204	151	Bachelor's degree
17-2131	Materials engineers	\$32.07	105	18	16	Bachelor's degree
51-8012	Power distributors and dispatchers	\$31.03	33	2	5	Long-term on-the-job training
11-3049	Human resources managers, all other	\$30.33	422	64	41	Degree plus work experience
51-8013	Power plant operators	\$29.59	297	21	48	Long-term on-the-job training
51-8011	Nuclear power reactor operators	\$29.21	15	3	2	Long-term on-the-job training
11-3051	Industrial production managers	\$27.70	806	28	93	Work experience in a related field
17-2141	Mechanical engineers	\$27.01	577	88	91	Bachelor's degree
11-3041	Compensation and benefits managers	\$23.89	506	90	49	Degree plus work experience
11-9199	Managers, all other	\$23.52	6,377	762	721	Work experience in a related field
17-3029	Engineering technicians, except drafters, all other	\$23.07	352	49	49	Associate's degree
49-2022	Telecommunications equipment installers and repairers, except line installers	\$22.98	1,286	204	189	Long-term on-the-job training
47-2011	Boilermakers	\$21.99	68	4	15	Long-term on-the-job training
17-3023	Electrical and electronic engineering technicians	\$21.42	1,461	195	177	Associate's degree
49-9012	Control and valve installers and repairers, except mechanical door	\$20.67	162	7	24	Moderate-term on-the-job training
11-3042	Training and development managers	\$20.30	234	44	23	Degree plus work experience
17-3026	Industrial engineering technicians	\$19.45	198	19	24	Associate's degree
13-1023	Purchasing agents, except wholesale, retail, and farm products	\$19.06	1,230	123	179	Work experience in a related field
51-1011	First-line supervisors/managers of production and operating workers	\$18.16	3,535	179	440	Work experience in a related field
49-9062	Medical equipment repairers	\$17.82	188	35	30	Associate's degree
49-9041	Industrial machinery mechanics	\$17.40	1,026	27	125	Long-term on-the-job training
51-4111	Tool and die makers	\$17.29	203	8	30	Long-term on-the-job training
47-2211	Sheet metal workers	\$16.82	918	55	130	Long-term on-the-job training
49-2094	Electrical and electronics repairers, commercial and industrial equipment	\$16.68	243	24	31	Postsecondary vocational award
51-7032	Patternmakers, wood	\$15.76	48	0	8	Long-term on-the-job training
49-9044	Millwrights	\$15.68	537	29	77	Long-term on-the-job training
49-9069	Precision instrument and equipment repairers, all other	\$14.97	84	10	14	Moderate-term on-the-job training
51-4062	Patternmakers, metal and plastic	\$14.62	28	0	6	Moderate-term on-the-job training
49-9043	Maintenance workers, machinery	\$13.94	398	23	53	Short-term on-the-job training
49-9042	Maintenance and repair workers, general	\$13.83	9,188	1,066	1,029	Moderate-term on-the-job training

Source: Economic Modeling Specialists, Inc. - 8/07

*Note: Occupations with fewer than 10 employees are not shown.